

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Repairs of Reading Room at BEL 6th Block in Ward No. 09, Vidyaranyapura Sub Division.

		Estimate Cost Rs.						500000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns , pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.32/ PWD SR 2013-14	Sqm							
	Columns		2	1.36	4.00		10.88		
							10.88	330.72	3598.00
	Basic Rate	312.00							
	Area Weightage @ 6%	18.72							
	Total	330.72							
2	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs , landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16 / Item No. 4.29/ PWD SR 2013-14	Sqm							
	Hall		1	6.00	8.00		48.00		
							48.00	284.08	13636.00
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	284.08							
3	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams , beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17 / Item No. 4.34/ PWD SR 2013-14	Sqm							
	Front Beams		4	3.53	1.05		14.83		
							14.83	239.56	3552.00
	Basic Rate	226.00							
	Area Weightage @ 6%	13.56							
	Total	239.56							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3 lts conforming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1.4.6, No. 13/ Item No. 4.11/ PWD SR 2013-14	Cum							
	Columns		2	0.45	0.23	3.75	0.78		
	Lintel Beam		1	25.00	0.23	0.15	0.86		
	Tie Beam		1	24.00	0.23	0.30	1.66		
	Roof Slab		1	6.00	8.00	0.15	7.20		
			2	8.00	1.00	0.15	2.40		
			2	6.00	1.00	0.15	1.80		
							14.69	5535.32	81340.00
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	5535.32							
5	KSRB 6-5.3 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 32 / Item No. 6.17/ PWD SR 2013-14	Cum							
	Long Wall		2	5.00	0.23	1.00	2.30		
			2	5.00	0.23	1.00	2.30		
	Parapet Wall		2	5.00	0.23	0.45	1.04		
			2	5.00	0.23	0.45	1.04		
			2	10.00	0.23	1.50	6.90		
			2	10.00	0.23	1.50	6.90		
							20.47		
	Deduct for Openings Door		4	1.20	0.23	2.10	2.32		
	D1		5	0.90	0.23	2.10	2.17		
	W		4	1.50	0.23	1.20	1.66		
	W 1		2	1.20	0.23	0.90	0.50		

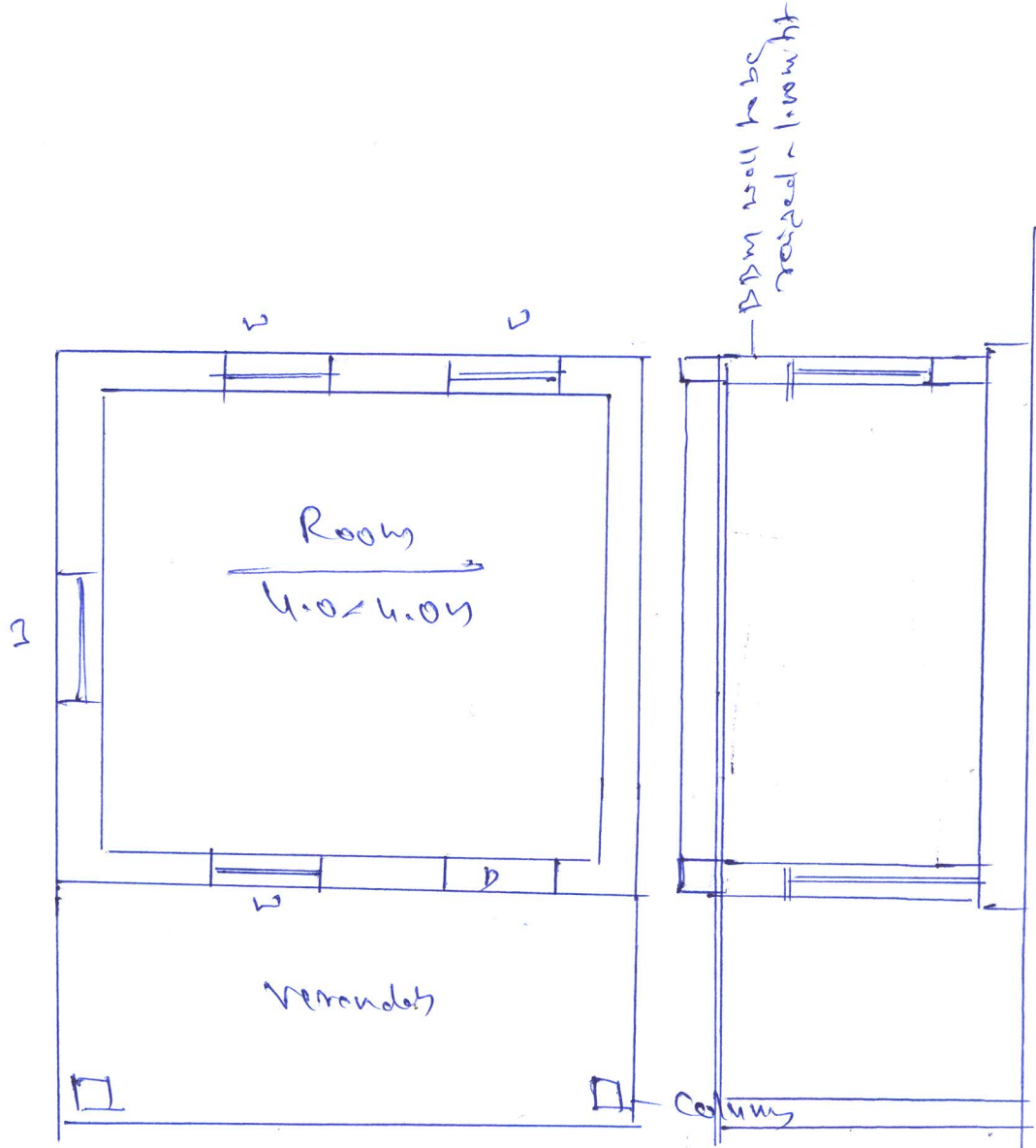
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
V			3	0.60	0.23	0.45	0.19		
	Lintel		1	25.00	0.23	0.15	0.86		
	tie Beam		1	25.00	0.23	0.15	0.86		
							-8.56		
							11.91	5789.72	68979.00
	Basic Rate	5462.00							
	Area Weightage @ 6%	327.72							
	Total	5789.72							
6	KSRB 4.9.2: Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.45/ PWD SR 2013. 14	Qtl							
	For Columns, Plinth, Lintel, Beam and Roof 125 Kg/Cum		1.25	14.69			18.37		
							18.37	7746.48	142291.00
	Basic Rate	7308.00							
	Area Weightage @ 6%	438.48							
	Total	7746.48							
7	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound	Sqm							
			1	4.00	4.00		16.00		
							16.00	779.10	12466.00
	Basic Rate	735.00							
	Area Weightage @ 6%	44.10							
	Total	779.10							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised	Sqm							
	W		4	1.50		1.20	7.20		
	V		1	0.60		0.45	0.27		
							7.47	3726.96	27840.00
	Basic Rate	3516.00							
	Area Weightage @ 6%	210.96							
	Total	3726.96							
9	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123/ Item No. 15.21 / PWD SR -2013-14	Sqm							
	Revenue Room		1	3.54	3.54		12.53		
							12.53	163.24	2046.00
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	163.24							
10	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123/ Item No. 15.19 / PWD SR 2013-14 (Inside wall)	Sqm							
	Revenue Room		2	6.00		3.00	36.00		
			2	6.00		3.00	36.00		
			2	10.00		3.00	60.00		
			2	10.00		3.00	60.00		
			2	13.00		3.00	78.00		
							270.00		
	Deduct for Openings Door		4	1.20		2.10	10.08		
	D1		5	0.90		2.10	9.45		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							-19.53		
							250.47	199.28	49914.00
	Basic Rate	188.00							
	Area Weightage @ 6%	11.28							
	Total	199.28							
11	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 123 / Item No. 15.17 / PWD SR 2013-14 (Out side Wall)	Sqm							
	Out Side		2	4.00		2.00	16.00		
			2	4.00		2.00	16.00		
							32.00	165.36	5292.00
	Basic Rate	156.00							
	Area Weightage @ 6%	9.36							
	Total	165.36							
12	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2. Page No. 12 / Item No. 4.3 / PWD SR 2013-14	Cum							
	Hall		1	6.00	8.00	0.15	7.20		
	Building Surroundings		2	8.00	1.00	0.15	2.40		
			2	6.00	1.00	0.15	1.80		
							11.40	4211.38	48010.00
	Basic Rate	3973.00							
	Area Weightage @ 6%	238.38							
	Total	4211.38							
13	KSRB 14.10.1 : Flooring with 25mm to 40mm thick polished tandur blue stone slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Page No. 112/ Item No. 14.15 / PWD SR 2013-14	Sqm							
	Front		1	4.00	4.00		16.00		
	Skirting		2	4.00	0.10		0.80		
			2	1.00	0.10		0.20		

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Name of Work - Repairs of Ready Room at B&L

6th Block in Wundanoog



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Paul
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